



Docket No.: 50103-400

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Jianwei LIU, et al. : Confirmation Number: 4303  
Application No.: 10/086,848 : Group Art Unit: 1773  
Filed: March 04, 2002 : Examiner: S. Resan  
For: METHOD OF FORMING LUBRICANT FILMS

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated February 25, 2002 and February 26, 2002, a copy of which is attached hereto, hereby appoints Raghunath S. Minisandram, Reg. No. 38,683; Jesus Del Castillo, Reg. No. 51,604; and Joseph F. Villella, Jr., Reg. No. 30,599 in Scotts Valley, CA, all of SEAGATE TECHNOLOGY LLC; and the members of the firm of MCDERMOTT WILL & EMERY LLP, a firm composed of Daniel Bucca, Reg. No. 42,368; Bernard P. Codd, Reg. No. 46,429; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian K. Seidleck, Reg. No. 51,321; Arthur J. Steiner, Reg. No. 26,106; and Aaron Weisstuch, Reg. No. 41,557, admitted under 37 CFR 10.9(b) with offices located at 600 13th Street, N.W., Washington, DC 20005-3096, (202) 756-8000 as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence regarding this application to the following:

John A. Hankins  
McDERMOTT WILL & EMERY LLP  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Telephone: (202)756-8000

Dated: 11/17/04

Respectfully submitted,

By: Raghunath S. Minisandram

Name: Raghunath S. Minisandram, Esq.

Title: Sr. Director of Intellectual Property

Docket No.: 50103-400

## ASSIGNMENT

WHEREAS WE, Jianwei LIU of 3695 Stevenson Blvd, #212, Fremont, California 94538, Michael STIRNIMAN of 2801 Clymer Lane, Fremont, California 94538 and Dan CASTRO of 1420 Firestone Loop, San Jose, California 95116, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD OF FORMING LUBRICANT FILMS, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on [case\_filing\_date], and identified by United States Serial No. [case\_serial\_number];

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a corporation of the State of Delaware and having an address of 920 Disc Drive, P.O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Feb 25 / 2002  
Date

2 / 26 / 2002  
Date

Jianwei Liu  
Jianwei Liu

Michael Stirniman  
Michael Stirniman

Date

2/25/02

Dan Castro

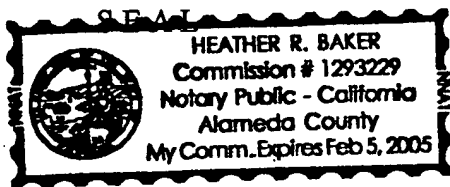
*Dan Castro*

STATE OF California )  
COUNTY OF Alameda ) SS:

On this 25 day of February, 2002, before me personally appeared Jianwei Liu, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

*Heather R. Baker*  
Notary Public

My commission expires Feb 5, 2005



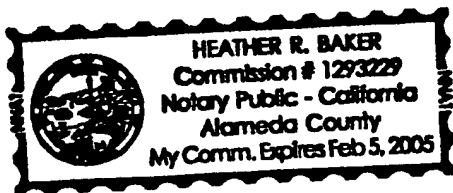
STATE OF California )  
COUNTY OF Alameda ) SS:

On this 26 day of February, 2002, before me personally appeared Michael Stirniman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

*Heather R. Baker*  
Notary Public

My commission expires Feb 5, 2005

SEAL



STATE OF California )  
COUNTY OF Alameda ) SS:

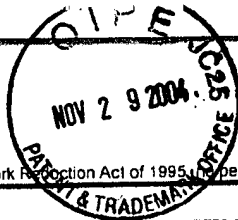
On this 25 day of February, 2002, before me personally appeared Dan Castro, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Heather R. Baker  
Notary Public

My commission expires Feb 5, 2005





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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SEAGATE TECHNOLOGY LLC

Application No./Patent No.: 10/086,848

Filed/Issue Date: March 4, 2002

Entitled: METHOD OF FORMING LUBRICANT FILMS

SEAGATE TECHNOLOGY LLC, a Limited Liability Company,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 012682, Frame 0429, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11/17/04  
Date

Raghunath S. Minisandram  
Signature

Raghunath S. Minisandram, Esq.  
Typed or printed name

Sr. Director of Intellectual Property  
Title